

# Veterinary MRI and RT Center of New Jersey



VETERINARY  
MRI + RADIOTHERAPY  
CENTER OF NEW JERSEY

*CT is the best modality to evaluate thoracic structures.*

*Cross sectional imaging eliminates the uncertainty due to overlapping structures inherent to interpreting radiographs.*

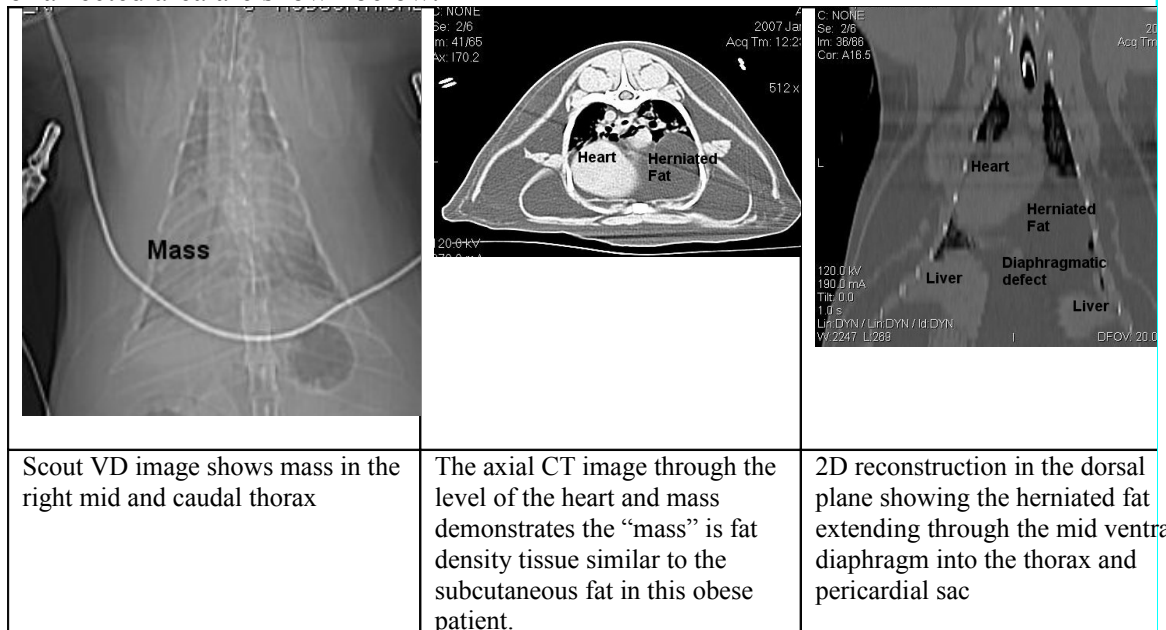
*A rapid helical CT scanner completes thoracic imaging in minutes.*

## Case Report #10

### CT for Dyspnea and Thoracic Mass lesion

**Case Summary** – A ten-year-old MN DSH cat presented for a one-month duration of occasional coughing, lethargy and mild dyspnea. On physical exam the pet was obese. Lung and cardiac sounds were reduced on the right. Survey radiographs revealed a mass in the right mid through caudal thorax. Neoplasia, abscess, cyst, granuloma, hematoma and sequestered fluid were considered as possible causes of the mass. A thoracic US was inconclusive.

**Imaging-** A thoracic CT was performed. No complications were encountered and the cat recovered uneventfully. Cross sectional imaging and multiplanar reconstructions of affected area are shown below.



**Imaging Diagnosis-** Obesity. Pericardioperitoneal-diaphragmatic hernia with a large amount of herniated falciform fat creating a space occupying mass effect in the right mid and caudal ventral thoracic regions, displacing and compressing the lungs dorsally.

**Outcome-** The prognosis is excellent based on the CT diagnosis. The owner elected to have the hernia repaired surgically and the patient did well. Weight loss was also advised.

*Please do not hesitate to contact our facility to discuss the value of a CT or MRI study for a particular patient prior to requesting an imaging study.*

*(Tel – 973 772-9902, Fax – 973 772-9904)*